UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/894,163	06/26/2001	Asko Komsi	NC30575	5195

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EXAMINER
IQBAL, KHAWAR

ART UNIT	PAPER NUMBER
2686	

DATE MAILED: 02/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *18 January 2005*.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-14* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-14* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

2.   Claims 1-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Watanabe (6539240) and further in view of Bickmore et al (20010019330).

3.   Regarding claim 1 Watanabe teaches a system for commanding an entity,

comprising (col. 3, lines 1-31):

an entity player for invoking an entity (col.6, lines 19-53), wherein the entity

comprises a plurality of methods and further comprises at least a body and a brain for

specifying at least an appearance and a behavior, respectively, of the entity when the

entity is displayed to a user (col. 7, line 65-col. 8, line 36, col.8, lines 50-61);

an entity editor coupled to the entity player (col. 7, lines 65-col. 8, lines 36, col.

50-61); and

at least one control device coupled to the entity player, wherein the entity player

invokes the entity methods in accordance with the control device (col. 9, lines 1-55, see

above). Antenna (11) receives image data including first character through a

communication channel. An image memory (19) stores image data containing second

character. A synthesis unit synthesis the image data received by the antenna and

stored in the memory respectively. The synthesized image data is expanded and

displayed in a display unit (21). A key input unit (20) designates the image data that has

to be obtained from the image memory. Watanabe does not specifically teach said

entity further comprising a bookmark component that comprises at least one address

corresponding to a resource that is reachable by a user of the entity through a data

communications network.

In an analogous art, Bickmore et al discloses said entity further comprising a

bookmark component that comprises at least one address corresponding to a resource

that is reachable by a user of the entity through a data communications network (para. #

0010,0059, 0066-0067). Therefore, it would have been obvious to one of ordinary skill in

the art at the time the invention was made to modify the device of Watanabe by

specifically adding feature, bookmark component that comprises at least one address

corresponding to a resource that is reachable by a user of the entity through a data

communications network, for forming autonomous personal avatar for electron

document for the purpose of increasing efficiency of the system taught by Bickmore et

al.

Regarding claim 2 Watanabe teaches a method for commanding an entity,

comprising (col. 3, lines 1-31):

selecting an entity wherein the entity includes comprises a plurality of commands

that are associated with the entity and further comprises at least a body (col.6, lines 19-

53) and a brain for specifying at least an appearance and a behavior respectively of the

entity when the entity is displayed to a user (col. 7, line 65-col. 8, line 36, col. 8, lines

50-61); and selecting at least one entity command (col. 9, lines 1-55). Antenna (11)

receives image data including first character through a communication channel. An

image memory (19) stores image data containing second character. A synthesis unit

synthesis the image data received by the antenna and stored in the memory

respectively. The synthesized image data is expanded and displayed in a display unit

(21). A key input unit (20) designates the image data that has to be obtained from the

image memory. Watanabe does not specifically teach where the entity further

comprises a bookmark component that comprises at least one address corresponding

to a resource the method further comprising accessing the resource through a data

communications network using the address.

In an analogous art, Bickmore et al discloses where the entity further comprises

a bookmark component that comprises at least one address corresponding to a

resource the method further comprising accessing the resource through a data

communications network using the address (para. # 0010,0059, 0066-0067). Therefore,

it would have been obvious to one of ordinary skill in the art at the time the invention

was made to modify the device of Watanabe by specifically adding feature, where the

entity further comprises a bookmark component that comprises at least one address

corresponding to a resource the method further comprising accessing the resource

through a data communications network using the address, for forming autonomous

personal avatar for electron document for the purpose of increasing efficiency of the

system taught by Bickmore et al.

Regarding claim 3 Watanabe teaches where selecting the entity commands is

performed through the use of an entity editor (col. 9, lines 1-55).

Regarding claim 4 Watanabe teaches a method for commanding an entity, comprising (col. 3, lines 1-31):

downloading an entity, wherein the entity is associated with a plurality of commands and comprises at least a body and a brain for specifying at least an appearance and a behavior, respectively, of the entity when the entity is displayed to a user (col. 7, line 65-col. 8, line 36, col. 8, lines 50-61);

opening the entity in an entity editor to determine the plurality of commands associated with the entity (col. 7, line 65-col. 8, line 36, col. 8, lines 50-61); selecting at least one command; and constructing a message from the selected command (col. 9, lines 1-55). Antenna (11) receives image data including first character through a communication channel. An image memory (19) stores image data containing second character. A synthesis unit synthesis the image data received by the antenna and stored in the memory respectively. The synthesized image data is expanded and displayed in a display unit (21). A key input unit (20) designates the image data that has to be obtained from the image memory. Watanabe does not specifically teach where the entity further comprises a bookmark component that comprises at least one address corresponding to a resource the method further comprising accessing the resource through a data communications network using the address.

In an analogous art, Bickmore et al discloses where the entity further comprises a bookmark component that comprises at least one address corresponding to a resource the method further comprising accessing the resource through a data communications network using the address (para. # 0010,0059, 0066-0067). Therefore,

it would have been obvious to one of ordinary skill in the art at the time the invention

was made to modify the device of Watanabe by specifically adding feature, where the

entity further comprises a bookmark component that comprises at least one address

corresponding to a resource the method further comprising accessing the resource

through a data communications network using the address, for forming autonomous

personal avatar for electron document for the purpose of increasing efficiency of the

system taught by Bickmore et al.

Regarding claim 5 Watanabe teaches a method for interpreting an entity,

comprising (col. 3, lines 1-31):

retrieving, by an entity-enabled device (col.15, lines 16-36), an entity that

comprises a plurality of commands and further comprises at least a body and a brain for

specifying at least an appearance and a behavior, respectively, of the entity when the

entity is displayed to a user, wherein the entity-enabled device includes an entity player

for interpreting commands (col. 7, line 65-col. 8, line 36, col. 8, lines 50-61);

determining, by the entity player, whether the commands are compatible with the

entity-enabled device (col.3, lines 18-45, col. 12, lines 6-40); and

interpreting, by the entity player, commands determined to be compatible with on

the entity-enabled device (col. 3, lines 18-45, col. 12, lines 6-40). Antenna (11) receives

image data including first character through a communication channel. An image

memory (19) stores image data containing second character. A synthesis unit synthesis

the image data received by the antenna and stored in the memory respectively. The

synthesized image data is expanded and displayed in a display unit (21). A key input

unit (20) designates the image data that has to be obtained from the image memory. Watanabe does not specifically teach where the entity further comprises a bookmark component that comprises at least one address corresponding to a resource the method further comprising accessing the resource through a data communications network using the address.

In an analogous art, Bickmore et al discloses where the entity further comprises a bookmark component that comprises at least one address corresponding to a resource the method further comprising accessing the resource through a data communications network using the address (para. # 0010,0059, 0066-0067). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the device of Watanabe by specifically adding feature, where the entity further comprises a bookmark component that comprises at least one address corresponding to a resource the method further comprising accessing the resource through a data communications network using the address, for forming autonomous personal avatar for electron document for the purpose of increasing efficiency of the system taught by Bickmore et al.

Regarding claim 6 Watanabe teaches a multi-component logical entity storable in a memory medium comprising (col. 3, lines 1-31):

a media pool component, a body component, a brain component, an entity methods component that comprises at least one entity method (col.9, lines 15-24 and 41-67); and

where said entity is responsive to a player to be invoked by the player, where

said player is coupled to an entity editor and to at least one control device and executes

the at least one entity method in cooperation with the at least one control device (col. 7,

line 65-col. 8, line 36, col. 8, lines 50-61, col. 11, lines 15-43). Antenna (11) receives

image data including first character through a communication channel. An image

memory (19) stores image data containing second character. A synthesis unit synthesis

the image data received by the antenna and stored in the memory respectively. The

synthesized image data is expanded and displayed in a display unit (21). A key input

unit (20) designates the image data that has to be obtained from the image memory.

Watanabe does not specifically teach a bookmark component comprising at least one

Universal Resource Identifier (UR1) corresponding to a resource that is reachable by a

user of the multi-component logical entity through a data communications network.

In an analogous art, Bickmore et al discloses a bookmark component comprising

at least one Universal Resource Identifier (UR1) corresponding to a resource that is

reachable by a user of the multi-component logical entity through a data

communications network (para. # 0010,0059, 0066-0067). Therefore, it would have

been obvious to one of ordinary skill in the art at the time the invention was made to

modify the device of Watanabe by specifically adding feature, a bookmark component

comprising at least one Universal Resource Identifier (UR1) corresponding to a

resource that is reachable by a user of the multi-component logical entity through a data

communications network, for forming autonomous personal avatar for that are attached

to an electron document for the purpose of increasing efficiency of the system taught by

Bickmore et al.

Regarding claim 7 Watanabe teaches where said player comprises an entity

language interpreter that is responsive to a received entity method comprising a

command sequence to parse and interpret commands of the command sequence (col.

8, lines 1-35, col. 9, lines 1-55).

Regarding claim 8 Watanabe teaches where said player, when interpreting a

command, refers to entity instincts to determine what actions are required to execute

the command, and makes calls to resources in order to run the required actions (col. 9,

lines 1-55, col. 11, lines 15-65).

Regarding claim 9 Watanabe teaches where said player is embodied within a

wireless communications terminal (fig. 1).

Regarding claim 10 Watanabe teaches where said player is embodied within a

component of a wireless network and invokes the entity and executes the at least one

entity method on behalf of a wireless communications terminal (col. 9, lines 1-55, col.

11, lines 15-65, col. 14, line 62-col. 15, line 50).

Regarding claim 11 Watanabe teaches where a user of the wireless

communications terminal views a result of the execution of the entity using an entity

enabled device (col. 9, lines 1-55, col. 11, lines 15-65, col. 14, line 62-col. 15, line 50).

Regarding claim 12 Watanabe teaches where a user of the wireless

communications terminal views a result of the execution of the entity with a computer

that is coupled to the player through at least one of a wireless and a wireline connection (col. 9, lines 1-55, fig. 1).

Regarding claim 13 Watanabe teaches where said entity is received over a wireless communications channel as part of a message (col. 9, lines 1-55, col. 11, lines 15-65, col. 14, line 62-col. 15, line 50).

Regarding claim 14 Watanabe teaches where said entity is transmitted to a wireless communications channel as part of a message (col. 9, lines 1-55, col. 11, lines 15-65, col. 14, line 62-col. 15, line 50).

Response to Arguments

4.   Applicant's arguments with respect to claims 1-14 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KHAWAR IQBAL whose telephone number is 703-306-3015.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **BANKS-HAROLD, MARSHA**, can be reached at 703-305-4379.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for Technology Center 2684 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal

Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application

or proceeding should be directed to the Technology Center 2600 Customer

Service Office whose telephone number is (703) 306-0377.

Khawar Iqbal

RAFAEL PEREZ-GUTIERREZ
PATENT EXAMINER
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